

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
	Feet			Feet	
White: Decker, Ind.	18	21	(?)	25.8	Mar. 27
White, East Fork:					
Seymour, Ind.	10	21	24	13.8	22
Williams, Ind.	10	23	27	15.8	25
Shoals, Ind.	20	23	28	26.6	26
White, West Fork:					
Anderson, Ind.	12	20	22	17.5	21
Noblesville, Ind.	14	20	22	18.1	21
Indianapolis, Ind.	18	21	22	19.2	21
Elliston, Ind.	19	19	27	28.1	23
Edwardsport, Ind.	15	20	29	20.0	24
Cumberland:					
Nashville, Tenn.	40	14	14	40.0	14
Clarksville, Tenn.	46	13	17	51.1	15
Lock F, Eddyville, Ky.	57	16	23	58.8	18
Tennessee:					
Widows Bar Dam, Ala.	26	(1)	(3)	20.7	Feb. 27
		10	13	29.0	Mar. 12
Florence, Ala.	18	12	15	23.9	13
Riverton, Ala.	33	1	3	33.7	2
		11	19	44.3	14
Savannah, Tenn.	40	14	18	43.0	15
Johnsonville, Tenn.	31	14	22	36.3	16
Elk: Fayetteville, Tenn.	14	9	9	15.4	9
Mississippi:					
Hannibal, Mo.	13	31	(?)		
Louisiana, Mo.	12	21	23	12.9	22
Grafton, Ill.	18	21	25	19.7	22
Alton, Ill.	21	21	25	22.9	22
Cape Girardeau, Mo.	30	21	28	33.3	24
New Madrid, Mo.	34	17	(?)	40.4	25-26
Cottonwood Point, Mo.	34	20	(?)	37.6	27
Memphis, Tenn.	35	18	(?)	41.4	30
Helena, Ark.	44	20	(?)		
Arkansas City, Ark.	48	(1)	1	51.8	Feb. 17-19
		21	(?)		
Greenville, Miss.	42	24	(?)		
Vicksburg, Miss.	45	(1)	(?)		
Natchez, Miss.	46	(1)	(?)		
Angola, La.	45	(1)	(?)		
Baton Rouge, La.	35	(1)	(?)		
Donaldsonville, La.	28	(1)	(?)		
New Orleans, La.	17	(1)	(?)		
Spirit: Tomahawk, Wis.	14	18	18	14.7	Mar. 18
Illinois:					
Morris, Ill.	13	22	25	13.8	23-24
Peru, Ill.	14	(1)	(?)	18.3	26
Henry, Ill.	10	(1)	5	16.1	Feb. 9
		13	(?)	13.0	Mar. 26-27
Peoria, Ill.	18	19	(?)	19.8	27
Havana, Ill.	14	(1)	(?)	18.0	28-30
Beardstown, Ill.	14	(1)	(?)	20.5	28-29
Pearl, Ill.	12	(1)	(?)	18.0	22
Meramec:					
Pacific, Mo.	11	20	23	15.8	22
Valley Park, Mo.	14	20	23	17.0	23
Bourbeuse: Union, Mo.	12	21	22	13.7	22
Missouri: St. Charles, Mo.	25	21	21	25.3	21
Osage:					
Osceola, Mo.	20	21	23	21.4	22
Warsaw, Mo.	22	20	25	25.6	22
Tusculum, Mo.	25	19	27	32.4	23
Arkansas: Yancopin, Ark.	29	(1)	(?)		
Neosho: Oswego, Kans.	17	20	22	20.1	21
Petit Jean: Danville, Ark.	20	19	23	24.1	20
White:					
Batesville, Ark.	23	18	18	23.8	18
Georgetown, Ark.	22	22	31	22.9	26-27
Black:					
Poplar Bluff, Mo.	14	19	22	14.8	19
Corning, Ark.	11	14	(?)	13.6	23
Black Rock, Ark.	14	18	(?)	19.9	21-22
Cache: Patterson, Ark.	9	21	(?)	10.5	27
Yazoo: Yazoo City, Miss.	25	(1)	(?)		
Tallahatchie: Swan Lake, Miss.	25	(1)	7	31.1	Jan. 7-9
		10	(?)	31.8	Mar. 22
Sulphur:					
Ringo Crossing, Tex.	20	1	5	26.3	2
		8	13	23.9	9
Finley, Tex.	24	4	18	27.4	11
Cypress: Jefferson, Tex.	18	14	16	19.2	15
Ouachita:					
Arkadelphia, Ark.	18	8	8	18.6	8
Camden, Ark.	30	10	17	35.0	12
Monroe, La.	40	20	(?)		
Atchafalaya: Melville, La.	37	(1)	(?)		
WEST GULF DRAINAGE					
Sabine: Logansport, La.	25	14	18	25.8	16
		24	30	26.9	26
Trinity:					
Dallas, Tex.	25	2	5	30.5	3
		7	11	31.6	9
Trinidad, Tex.	28	5	18	37.0	13
Long Lake, Tex.	40	17	19	40.4	18
Liberty, Tex.	25	12	18	26.0	13-15
		22	30	26.8	27-28
Trinity, Elm Fork: Carrollton, Tex.	7	2	2	7.8	2

¹ Continued from last month.

² Continued at end of month.

³ Below flood stage at 8 a. m., Mar. 1.

MEAN LAKE LEVELS DURING MARCH, 1927

By UNITED STATES LAKE SURVEY

[Detroit, Mich., April 4, 1927]

The following data are reported in the Notice to Mariners of the above date:

Data	Lakes ¹			
	Superior	Michigan and Huron	Erie	Ontario
Mean level during March, 1927:				
Above mean sea level at New York	Feet 601.31	Feet 578.48	Feet 571.10	Feet 245.71
Above or below—				
Mean stage of February, 1927	-0.01	+0.23	+0.13	+0.40
Mean stage of March, 1926	+1.12	+0.94	+1.08	+1.87
Average stage for March, last 10 years	-0.07	-1.04	-0.28	+0.44
Highest recorded March stage	-1.01	-4.47	-2.75	-2.10
Lowest recorded March stage	+1.12	+0.94	+1.08	+1.87
Average departure (since 1860) of the March level from the February level	-0.10	+0.15	+0.18	+0.26

¹ Lake St. Clair's level: In March, 1927, 573.17 feet.

EFFECT OF WEATHER ON CROPS AND FARMING OPERATIONS, MARCH, 1927

By J. B. KINCER

General summary.—Precipitation was rather frequent during the first decade over the East and Southeast, attending the passage of several storm areas, but following these much colder weather overspread these sections, with freezing temperatures extending to the east Gulf coast. Temperature changes were not marked in the western part and precipitation was largely of a local character. Widespread rain or snow occurred in the Southwest during the second decade, with general rains throughout the interior. It was rather warm for the season in the East about the 18th, with widely scattered stations reporting the highest temperatures of record for so early in the spring. At the same time it was considerably cooler over western districts, with a marked fall in temperature over the Southwest on the 20th. A reaction to cooler set in over eastern sections during the last week, and in western States the tendency was still to rather low readings, although conditions were more seasonable. Precipitation was rather frequent during the latter part of the month over the central valleys and the lake region, and during the last week general rain or snow occurred over northern areas east of the upper Mississippi Valley.

The frost and freezing temperatures that overspread the Southeastern States early in the month, while not unusual for the season, caused considerable damage to early fruit bloom, and some harm resulted to tender vegetation. The frequent rainfall and cold weather made conditions rather unfavorable for field work in much of the South, and plowing and planting were not very active. Some cotton was planted in the southwestern part of the belt and a little corn was put in as far north as southeastern Oklahoma, but in much of the interior valleys the soil continued mostly too wet for field operations. Fruits continued their unseasonable advance, with the earlier varieties blooming as far north as southern Missouri and the lower Ohio Valley.

Much interruption to field work was reported during the second decade, although conditions became more favorable toward the close, with preparations for planting in the Cotton Belt advancing fairly well, but in portions of the Northwest it remained too wet. Except